PENDING CLAIMS AS AMENDED

Please amend the claims as follows.

Claims 1-11. (Canceled)

12. (Currently Amended) A method for paging a subscriber station in a broadcast communication system, comprising: ~~The method as claimed in claim 11~~

determining a status of the subscriber station's paging set;

determining paging channels on which to page the subscriber station in accordance with the determined status of the subscriber station's paging set; and

paging the subscriber station on all determined paging channels, wherein said determining a status of the subscriber station's paging set comprises:

receiving at a subscriber station a HSBS channel modulating a first frequency;

monitoring at a subscriber station a timer status for the HSBS channel, and if the timer status is expired, then:

performing a broadcast service registration with a sector transmitting the HSBS channel;

setting status of the timer for the HSBS channel to enabled; and

starting a first timer for the HSBS channel;

receiving at the sector the broadcast service registration from the subscriber station;

adding at the sector a paging identifier to the subscribers' station paging set;

starting at the sector a second timer for the paging identifier;

monitoring at the sector a timer status of all paging identifiers for all subscriber stations' paging sets, and if a timer status of a paging identifier for a subscriber station is expired, then removing the paging identifier from the subscriber's station paging set.

13. (Currently Amended) A method for paging a subscriber station in a broadcast communication system, comprising: ~~The method as claimed in claim 11~~

determining a status of the subscriber station's paging set;

determining paging channels on which to page the subscriber station in accordance with the determined status of the subscriber station's paging set, wherein said determining a paging channel on which to page the subscriber station ~~in accordance with the determined status of the subscriber station's paging set~~ comprises:

determining frequencies on which to page the subscriber station in accordance with paging identifiers contained in the subscriber station paging set;

determining paging channels on which to page the subscriber station for each of the frequencies; and

paging the subscriber station on all determined paging channels.

14. (Currently Amended) A method for paging a subscriber station in a broadcast communication system, comprising: ~~The method as claimed in claim 11~~

determining a status of the subscriber station's paging set;

determining paging channels on which to page the subscriber station in accordance with the determined status of the subscriber station's paging set; and

paging the subscriber station on all determined paging channels, wherein said determining a status of the subscriber station's paging set comprises:

transmitting from the subscriber station a first notification of a desire to receive a broadcast channel;

transmitting from the subscriber station a second notification a desire to cease broadcast channel reception;

adding a paging identifier to the subscriber station paging set upon receiving the first notification; and

removing the paging identifier from the subscriber station paging set upon receiving the second notification.

15. (Previously Presented) The method as claimed in claim 14, further comprising:

transmitting from the sector permission to receive the broadcast channel in response the first notification; and

receiving at the subscriber station the broadcast channel after receiving the permission.

16. (Currently Amended) A method for paging a subscriber station in a broadcast communication system, comprising: ~~The method as claimed in claim 11~~

determining a status of the subscriber station's paging set;

determining paging channels on which to page the subscriber station in accordance with the determined status of the subscriber station's paging set; and

paging the subscriber station on all determined paging channels, wherein said determining a status of the subscriber station's paging set comprises:

transmitting from the subscriber station a notification of a desire to receive a broadcast channel modulating a second frequency different from the first frequency monitored by the subscriber station;

removing an identifier of the first frequency from the subscriber station paging set upon receiving the notification; and

adding an identifier of the first frequency to the subscriber station paging set upon receiving the first notification.

17. (Original) The method as claimed in claim 16, further comprising:

transmitting from the sector permission to receive the broadcast channel in response the first notification; and

receiving at the subscriber station the broadcast channel after receiving the permission.

Claims 18-31. (Canceled)

32. (New) An apparatus for paging a subscriber station in a broadcast communication system, comprising:

means for determining a status of the subscriber station's paging set;

means for determining paging channels on which to page the subscriber station in accordance with the determined status of the subscriber station's paging set; and

means for paging the subscriber station on all determined paging channels, wherein said means for determining a status of the subscriber station's paging set comprises:

means for receiving at a subscriber station a HSBS channel modulating a first frequency;

means for monitoring at a subscriber station a timer status for the HSBS channel, and if the timer status is expired, then:

performing a broadcast service registration with a sector transmitting the HSBS channel;

setting status of the timer for the HSBS channel to enabled; and

starting a first timer for the HSBS channel;

means for receiving at the sector the broadcast service registration from the subscriber station;

means for adding at the sector a paging identifier to the subscribers' station paging set;

means for starting at the sector a second timer for the paging identifier;

means for monitoring at the sector a timer status of all paging identifiers for all subscriber stations' paging sets, and if a timer status of a paging identifier for a subscriber station is expired, then removing the paging identifier from the subscriber's station paging set.

33. (New) An apparatus for paging a subscriber station in a broadcast communication system, comprising:

means for determining a status of the subscriber station's paging set;

means for determining paging channels on which to page the subscriber station in accordance with the determined status of the subscriber station's paging set, wherein said means for determining a paging channel on which to page the subscriber station comprises:

means for determining frequencies on which to page the subscriber station in accordance with paging identifiers contained in the subscriber station paging set;

means for determining paging channels on which to page the subscriber station for each of the frequencies; and

means for paging the subscriber station on all determined paging channels.

34. (New) An apparatus for paging a subscriber station in a broadcast communication system, comprising:

means for determining a status of the subscriber station's paging set;

means for determining paging channels on which to page the subscriber station in accordance with the determined status of the subscriber station's paging set; and

means for paging the subscriber station on all determined paging channels, wherein said means for determining a status of the subscriber station's paging set comprises:

means for transmitting from the subscriber station a first notification of a desire to receive a broadcast channel;

means for transmitting from the subscriber station a second notification a desire to cease broadcast channel reception;

means for adding a paging identifier to the subscriber station paging set upon receiving the first notification; and

means for removing the paging identifier from the subscriber station paging set upon receiving the second notification.

35. (New) The apparatus as claimed in claim 34, further comprising:

means for transmitting from the sector permission to receive the broadcast channel in response the first notification; and

means for receiving at the subscriber station the broadcast channel after receiving the permission.

36. (New) An apparatus for paging a subscriber station in a broadcast communication system, comprising:

means for determining a status of the subscriber station's paging set;

means for determining paging channels on which to page the subscriber station in accordance with the determined status of the subscriber station's paging set; and

means for paging the subscriber station on all determined paging channels, wherein said means for determining a status of the subscriber station's paging set comprises:

means for transmitting from the subscriber station a notification of a desire to receive a broadcast channel modulating a second frequency different from the first frequency monitored by the subscriber station;

means for removing an identifier of the first frequency from the subscriber station paging set upon receiving the notification; and

means for adding an identifier of the first frequency to the subscriber station paging set upon receiving the first notification.

37. (New) The apparatus as claimed in claim 36, further comprising:

means for transmitting from the sector permission to receive the broadcast channel in response the first notification; and

means for receiving at the subscriber station the broadcast channel after receiving the permission.